

Title (en)  
TECHNIQUES AND COMPOSITIONS FOR TREATING CARDIOVASCULAR DISEASE BY *in vivo* GENE DELIVERY

Title (de)  
VERFAHREN UND ZUSAMMENSETZUNGEN ZUR BEHANDLUNG VON KARDIOVASKULÄREN KRANKHEITEN DURCH *in vivo* GEN-  
VERABREICHUNG

Title (fr)  
TECHNIQUES ET COMPOSITIONS PERMETTANT DE TRAITER LES MALADIES CARDIOVASCULAIRES PAR L'ADMINISTRATION DE GENES  
IN VIVO

Publication  
**EP 1225921 A1 20020731 (EN)**

Application  
**EP 00976894 A 20001103**

Priority  
• US 0030345 W 20001103  
• US 43515699 A 19991105  
• US 60908000 A 20000630

Abstract (en)  
[origin: WO0134208A1] Methods are provided for treating patients with cardiovascular disease, including heart disease and peripheral vascular disease. The preferred methods of the present invention involve *in vivo* delivery of genes, encoding angiogenic proteins or peptides, to the myocardium or to peripheral ischemic tissue, by introduction of a vector containing the gene into a blood vessel supplying the heart or into a peripheral ischemic tissue.

IPC 1-7  
**A61K 48/00**; **A61K 38/18**; **C07K 14/50**; **C07K 14/49**; **A61P 9/00**; **A61P 9/04**; **A61P 9/10**

IPC 8 full level  
**A61K 31/4164** (2006.01); **A61K 35/76** (2006.01); **A61K 38/00** (2006.01); **A61K 38/22** (2006.01); **A61K 38/27** (2006.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **A61P 9/00** (2006.01); **A61P 9/04** (2006.01); **A61P 9/10** (2006.01); **C07K 14/50** (2006.01); **C07K 14/65** (2006.01)

CPC (source: EP KR)  
**A61K 48/00** (2013.01 - EP KR); **A61P 9/00** (2017.12 - EP); **A61P 9/04** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **C07K 14/50** (2013.01 - EP); **C07K 14/65** (2013.01 - EP); **C12N 2799/022** (2013.01 - EP); **C12N 2799/025** (2013.01 - EP)

Citation (search report)  
See references of WO 0134208A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0134208 A1 20010517**; AU 1460401 A 20010606; AU 784392 B2 20060323; CA 2389524 A1 20010517; CN 1433325 A 20030730; EA 008538 B1 20070629; EA 200200533 A1 20021226; EP 1225921 A1 20020731; HK 1048593 A1 20030411; JP 2003513942 A 20030415; KR 20020049031 A 20020624; NZ 546670 A 20090228

DOCDB simple family (application)  
**US 0030345 W 20001103**; AU 1460401 A 20001103; CA 2389524 A 20001103; CN 00816481 A 20001103; EA 200200533 A 20001103; EP 00976894 A 20001103; HK 03100751 A 20030129; JP 2001536204 A 20001103; KR 20027005855 A 20020506; NZ 54667000 A 20001103